L Number	Hits	Search Text	DB	Time stamp
3	8	beach adj wall	USPAT; US-PGPUB; EPO; JPO;	2004/01/16 20:28
4	467	sea adj wall	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/16 20:28
5	190	(sea adj wall) and (block or module)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/16 20:29
6	83	(sea adj wall) same (block or module)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/16 20:29
7	73	(US-4431337-\$ or US-4341489-\$ or US-4027486-\$ or US-5879105-\$ or US-1593863-\$ or US-5238326-\$ or US-5122015-\$ or US-4142816-\$ or US-3991576-\$ or US-4206748-\$ or US-0953051-\$ or US-6431793-\$ or US-6296237-\$ or US-6431793-\$ or US-6197398-\$ or US-6995720-\$ or US-5860772-\$ or US-55860772-\$ or US-55860772-\$ or US-55860772-\$ or US-5564864-\$ or US-5529438-\$ or US-5564864-\$ or US-5529438-\$ or US-5261766-\$ or US-5350255-\$ or US-5261766-\$ or US-5041330-\$ or US-5261766-\$ or US-556229-\$ or US-5564369-\$ or US-5575584-\$ or US-5564369-\$ or US-5575584-\$ or US-5570108-\$ or US-5575584-\$ or US-570108-\$ or US-5192161-\$ or US-5104258-\$ or US-4900188-\$ or US-4856933-\$ or US-484654-\$ or US-4776725-\$ or US-4876724-\$ or US-4776725-\$ or US-4729692-\$ or US-4729691-\$ or US-4729692-\$ or US-4729691-\$ or US-4729692-\$ or US-4729691-\$ or US-4729692-\$ or US-4234266-\$ or US-4178517-\$).did. or (US-4175887-\$ or US-418937-\$ or US-38846990-\$ or US-3894397-\$ or US-38846990-\$ or US-3894694-\$).did. or (US-20020172814-\$).did. or (US-5501546-\$ or US-3896624-\$).did. or (US-20020172814-\$).did. or (US-5501546-\$ or US-3896624-\$).did. or (US-5501546-\$ or US-5087150-\$ or US-4856933-\$ or	USPAT; US-PGPUB; EPO; DERWENT	2004/01/16 20:38
8	1	SU-709756-\$).did. (US-0527513-\$).did.	USOCR	2004/01/16
_	26	(("0527513") or ("1593863") or ("3237414") or ("3373821") or ("3755829") or ("3822499") or ("3842606") or ("3846990") or ("3894397") or ("3938338") or ("4027486") or ("4118937") or ("4175887") or ("4178517") or ("4234266") or ("4264233") or ("4341489") or ("4407607") or ("4431337") or ("4669913") or ("4691661") or ("4712944") or ("4729691") or ("4729692") or ("4776724") or ("4776725")).PN.	USPAT	20:38 2003/01/15 13:54

				10000/01/01
-	19	(("4844654") or ("4856933") or	USPAT	2003/01/14
		("4856934") or ("4856935") or ("4900188")		10:17
İ	•	or ("5104258") or ("5122015") or		
		("5192161") or ("5238325") or ("5238326")		
		or ("5246307") or ("5250696") or		
		("5259696") or ("5556229") or ("5564369")		
		or ("5575584") or ("5700108") or ("5879105") or ("4748338")).PN.		
'	2	"2663900"	EPO; JPO;	2003/01/14
-		2003900	DERWENT	10:19
	3	"805789"	EPO; JPO;	2003/01/14
-	3	003709	DERWENT	10:48
	186	(405/26).CCLS.	USPAT;	2003/01/14
-	100	(403/20).0013.	US-PGPUB;	11:00
			EPO; JPO	1 11.00
_	1521	(405/21,30,28,33,35,63,70,76).CCLS.	USPAT;	2003/01/14
-	1521	(403/21,30,20,33,33,03,70,70,.0023.	US-PGPUB;	11:01
			EPO; JPO	1
_	0	("07 or 8").PN.	USPAT;	2003/01/14
		(0 / 01 0 / .IN.	US-PGPUB;	11:00
1			EPO; JPO	
1_	1660	((405/26).CCLS.) or	USPAT;	2003/01/14
	1000	((405/21,30,28,33,35,63,70,76).CCLS.)	US-PGPUB;	13:30
1		(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	EPO; JPO	-5.55
1_	40	(john adj clark).in.	USPAT;	2003/01/14
	10	() Oint au Crark/. III.	US-PGPUB;	12:00
1			EPO; JPO	
1_	162	(((405/26).CCLS.) or	USPAT;	2003/01/14
	102	((405/21,30,28,33,35,63,70,76).CCLS.))	US-PGPUB;	12:01
		and (dissipat\$4 same energy)	EPO; JPO	12.01
l <u> </u>	243	(((405/26).CCLS.) or	USPAT;	2003/01/14
	233	((405/21,30,28,33,35,63,70,76).CCLS.))	US-PGPUB;	12:02
		and hollow	EPO; JPO	12.02
_	43	((((405/26).CCLS.) or	USPAT;	2003/01/14
	15	((405/21,30,28,33,35,63,70,76).ccls.))	US-PGPUB;	12:03
		and hollow) and flang\$4	EPO; JPO	12.55
_	11	(((((405/26).CCLS.) or	USPAT;	2003/01/14
	1	((405/21,30,28,33,35,63,70,76).CCLS.))	US-PGPUB;	12:12
		and hollow) and flang\$4) and recess	EPO; JPO	
_	9	"1164708"	USPAT;	2003/01/14
			US-PGPUB;	12:15
			EPO; JPO	
-	30	"2876628"	USPAT;	2003/01/14
1			US-PGPUB;	12:15
			EPO; JPO	
-	45	((("0527513") or ("1593863") or	USPAT;	2003/01/14
1		("3237414") or ("3373821") or ("3755829")	US-PGPUB;	13:30
		or ("3822499") or ("3842606") or	EPO; JPO	
1		("3846990") or ("3894397") or ("3938338")		
		or ("4027486") or ("4118937") or		
		("4175887") or ("4178517") or ("4234266")		
1		or ("4264233") or ("4341489") or		
		("4407607") or ("4431337") or ("4669913")		
		or ("4691661") or ("4712944") or		
		("4729691") or ("4729692") or ("4776724")		
		or ("4776725")).PN.) or ((("4844654") or		1
		("4856933") or ("4856934") or ("4856935")		
· ·		or ("4900188") or ("5104258") or		
		("5122015") or ("5192161") or ("5238325")		
		or ("5238326") or ("5246307") or		
		("5250696") or ("5259696") or ("5556229")		
		or ("5564369") or ("5575584") or	ļ	
		("5700108") or ("5879105") or		
		("4748338")).PN.)		
-	1660	((405/26).CCLS.) or	USPAT;	2003/01/14
		((405/21,30,28,33,35,63,70,76).ccls.)	US-PGPUB;	13:30
			EPO; JPO	

		(#1502062#)	l ucpam.	2002/01/14
	46	((("0527513") or ("1593863") or ("3237414") or ("3373821") or ("3755829") or ("3822499") or ("3842606") or ("3846990") or ("3894397") or ("3938338") or ("4027486") or ("4118937") or ("4175887") or ("417587") or ("4234266") or ("4264233") or ("4341489") or ("4407607") or ("4431337") or ("4669913") or ("4691661") or ("4712944") or ("4729691") or ("4729692") or ("4776724") or ("4776725")).PN.) or (("4844654") or ("4856933") or ("4856934") or ("4856935") or ("4900188") or ("5104258") or ("5122015") or ("5192161") or ("5238325") or ("5238326") or ("5256696") or ("52556229") or ("5264369") or ("55556229") or ("501003") or ("55556329") or ("501003") or ("5575584") or	USPAT; US-PGPUB; EPO; JPO	2003/01/14 13:32
	1671	("5700108") or ("5879105") or ("4748338")).PN.) (((("0527513") or ("1593863") or ("3237414") or ("3373821") or ("3755829") or ("3842699") or ("3842606") or ("3846990") or ("3894397") or ("3938338") or ("4027486") or ("4118937") or ("4175887") or ("4178517") or ("4234266") or ("4264233") or ("4341489") or ("4407607") or ("4431337") or ("469913") or ("4691661") or ("4712944") or ("4729691") or ("4729692") or ("4776724") or ("4776725")).PN.) or (("4844654") or ("4856933") or ("4856934") or ("4856935") or ("4900188") or ("5104258") or ("5122015") or ("5192161") or ("5238325") or ("5238326") or ("5259696") or ("5556229") or ("5700108") or ("5879105") or ("5700108") or ("5879105") or ("4748338")).PN.)) or (((405/26).CCLS.) or ((405/21,30,28,33,35,63,70,76).CCLS.)	USPAT; US-PGPUB; EPO; JPO	2003/01/14 13:32
-	108	((((("0527513") or ("1593863") or ("3237414") or ("3373821") or ("3755829") or ("3822499") or ("3842606") or ("3846990") or ("3894397") or ("3938338") or ("4027486") or ("4118937") or ("4234266") or ("4175887") or ("4178517") or ("4234266") or ("4264233") or ("4341489") or ("4407607") or ("4431337") or ("4669913") or ("4691661") or ("4712944") or ("4729691") or ("4729692") or ("4776724") or ("4776725")).PN.) or ((("4844654") or ("4856933") or ("4856934") or ("4856935") or ("5122015") or ("5192161") or ("5238325") or ("5238326") or ("5246307") or ("55564369") or ("5575584") or ("5700108") or ("5879105") or ("4748338")).PN.)) or (((405/26).CCLS.) or ((405/21,30,28,33,35,63,70,76).CCLS.))) and (flanged or flange)	USPAT; US-PGPUB; EPO; JPO	2003/01/14 13:33

	.42	(((((("0527513") or ("1593863") or ("3237414") or ("3373821") or ("3755829") or ("3842699") or ("3842606") or ("3846990") or ("3894397") or ("3938338") or ("4027486") or ("4118937") or ("4234266") or ("4264233") or ("4341489") or ("4264233") or ("4341489") or ("4691661") or ("4712944") or ("4729691") or ("4729692") or ("4776724") or ("4776725")).PN.) or (("484654") or ("4856933") or ("4856934") or ("4856935") or ("4900188") or ("5104258") or ("5122015") or ("5192161") or ("5238325") or ("5250696") or ("52564369") or ("52564369") or ("5575584") or ("5700108") or ("5879105") or ("4748338").PN.)) or ((405/26).CCLS.) or ((405/21,30,28,33,35,63,70,76).CCLS.)) and (flanged or flange)) and (recess or projection or turbulence)	USPAT; US-PGPUB; EPO; JPO	2003/01/14 13:34
-	9	(US-4142816-\$ or US-5879105-\$ or US-5238326-\$ or US-5122015-\$ or US-4431337-\$ or US-4341489-\$ or US-4027486-\$ or US-1593863-\$ or US-3991576-\$).did.	USPAT	2003/01/14 13:38
_	356	(405/15,16).CCLS.	USPAT	2003/01/15 15:13
-	121800	(block or module) and (hollow or buoyant)	USPAT; US-PGPUB; EPO; JPO	2003/01/15
_	43961	((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:12
_	21700	(((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (recess or protuberance or projection)	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:24
-	21700	(((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (recess or protuberance or projection)	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:27
_	1948	((((block or module)) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (recess or protuberance or projection)) and (flange or lip) same opposed	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:28
~	962	(((((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (recess or protuberance or projection)) and (flange or lip) same opposed) and (hole or aperture) same (flange or lip)	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:28
_	7712	(((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (rib)	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:27
-	762	(((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (ribbed)	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:27
_	4462	(((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (ridge)	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:28
_	10961	<pre>((((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (rib)) or (((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and (ribbed)) or (((block or module) and (hollow or buoyant)) and</pre>	USPAT; US-PGPUB; EPO; JPO	2003/01/15 17:28
		(flang\$4 or lip\$3)) and (ridge))		

				1000070175
-	25621	((((block or module) and (hollow or	USPAT;	2003/01/15 17:28
		buoyant)) and (flang\$4 or lip\$3)) and (recess or protuberance or projection))	US-PGPUB; EPO; JPO	17.20
		or ((((block or module)) and (hollow or	12:0, 0:0	
		buoyant)) and (flang\$4 or lip\$3)) and		
		(rib)) or ((((block or module) and		
		(hollow or buoyant)) and (flang\$4 or		
		lip\$3)) and (ribbed)) or (((block or		
		module) and (hollow or buoyant)) and		
	2200	(flang\$4 or lip\$3)) and (ridge)))	USPAT;	2003/01/15
_	2290	(((((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and	US-PGPUB;	17:28
		(recess or protuberance or projection))	EPO; JPO	
		or ((((block or module) and (hollow or		
		buoyant)) and (flang\$4 or lip\$3)) and		İ
		(rib)) or (((block or module) and		
		(hollow or buoyant)) and (flang\$4 or		
		lip\$3)) and (ribbed)) or (((block or		
		module) and (hollow or buoyant)) and		
		(flang\$4 or lip\$3)) and (ridge)))) and (flange or lip) same opposed		
_	1126	((((((block or module) and (hollow or	USPAT;	2003/01/15
	1120	buoyant)) and (flang\$4 or lip\$3)) and	US-PGPUB;	17:32
		(recess or protuberance or projection))	EPO; JPO	
		or ((((block or module) and (hollow or		
		buoyant)) and (flang\$4 or lip\$3)) and		
		(rib)) or (((block or module)) and		
		(hollow or buoyant)) and (flang\$4 or lip\$3)) and (ribbed)) or (((block or		
		module) and (hollow or buoyant)) and		
		(flang\$4 or lip\$3)) and (ridge)))) and		
		(flange or lip) same opposed) and (hole		
		or aperture) same (flange or lip)		
-	67	((((((block or module) and (hollow or	USPAT;	2003/01/15
		buoyant)) and (flang\$4 or lip\$3)) and	US-PGPUB;	17:29
		(recess or protuberance or projection))	EPO; JPO	
		or ((((block or module) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and		
		(rib)) or (((block or module) and		
	i	(hollow or buoyant)) and (flang\$4 or		İ
		lip\$3)) and (ribbed)) or (((block or		-
		module) and (hollow or buoyant)) and		
		(flang\$4 or lip\$3)) and (ridge)))) and		
		(flange or lip) same opposed) and (hole		
		or aperture) same (flange or lip)) and hollow adj body		
_	51559	hollow adj body 405/\$	USPAT;	2003/01/15
-	31339	1 300/ 4	US-PGPUB;	17:32
			EPO; JPO	
-	22		USPAT;	2003/01/15
		(hollow or buoyant)) and (flang\$4 or	US-PGPUB;	17:33
		lip\$3)) and (recess or protuberance or	EPO; JPO	
		projection)) or ((((block or module)		
		and (hollow or buoyant)) and (flang\$4 or		
	1	lip\$3)) and (rib)) or (((block or module) and (hollow or buoyant)) and		
		(flang\$4 or lip\$3)) and (ribbed)) or		
		((((block or module) and (hollow or		
	1	buoyant)) and (flang\$4 or lip\$3)) and		
	1	(ridge)))) and (flange or lip) same		
		opposed)		,
-	13	(US-4431337-\$ or US-4341489-\$ or	USPAT	2003/01/15
		US-4027486-\$ or US-1593863-\$ or		17:36
		US-5879105-\$ or US-5238326-\$ or US-5122015-\$ or US-4142816-\$ or		
		US-3991576-\$ or US-5511902-\$ or		
		US-0953051-\$ or US-4206748-\$ or		
	1	US-6296237-\$).did.		
-	107	The state of the s	USPAT;	2003/01/17
			US-PGPUB;	13:22
	l		EPO; JPO	<u> </u>

	1481	405/129\$4	USPAT;	2003/01/17
-	1401	100/16941	US-PGPUB;	13:22
			EPO; JPO	13.22
_	1575	((405/302.7).CCLS.) or 405/129\$4	USPAT;	2003/01/17
-	13/3	((403/302.7).0013.7 01 403/12374	US-PGPUB;	13:22
			EPO; JPO	13.22
	291	(((405/302.7).CCLS.) or 405/129\$4) and	USPAT;	2003/01/17
-	291	bentonite	US-PGPUB;	13:22
		Deliconice	EPO; JPO	13.22
	172	((((405/302.7).CCLS.) or 405/129\$4) and	USPAT;	2003/01/17
_	1/2	bentonite) and (membrane or flexible or	US-PGPUB;	13:25
		sheet or HDPE)	EPO; JPO	13.23
	49	((((405/302.7).CCLS.) or 405/129\$4) and	USPAT;	2003/01/17
_	49	bentonite) and (geosynthetic or	US-PGPUB;	13:26
		geotextile)	EPO; JPO	13.20
	177	(((((405/302.7).CCLS.) or 405/129\$4) and	USPAT;	2003/01/17
_	1//	bentonite) and (membrane or flexible or	US-PGPUB;	13:51
		sheet or HDPE)) or ((((405/302.7).CCLS.)	EPO; JPO	1 13.31
		or 405/129\$4) and bentonite) and	120, 010	
		(geosynthetic or geotextile)		į l
_	86		USPAT;	2003/01/17
1 -	06	bentonite and (membrane or flexible or	US-PGPUB;	15:57
		sheet or HDPE)) or ((((405/302.7).CCLS.)	EPO; JPO	10.07
		or 405/129\$4) and bentonite) and	LEO, GEO	
		(geosynthetic or geotextile))) and liner		
	14	(geosynthetic of geotextile)) and liner ("3445322" "3466827" "3561177"	USPAT	2003/01/17
-	14	(*3443322 3466827 3361177 "4070839" "4344722" "4467015"	USPAI	14:15
		,		14.15
		"4501788" "4565468" "4693923" "4943185" "5041330" "5180255"		
		"5187915" "5501753").PN.		
İ	12	,	USPAT;	2003/01/17
-	13	and bentonite) and (membrane or flexible	US-PGPUB;	14:53
1		or sheet or HDPE)) or	EPO; JPO	14.55
		(((((405/302.7).CCLS.) or 405/129\$4) and	EFO, OFO	
		bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
1		same seam		
_	0	I	USPAT;	2003/01/17
		and bentonite) and (membrane or flexible	US-PGPUB;	14:33
		or sheet or HDPE)) or	EPO; JPO	
		(((((405/302.7).CCLS.) or 405/129\$4) and	=====================================	
		bentonite) and (geosynthetic or		
		geotextile))) and liner) and shingl\$5		
_	20	(((((((405/302.7).CCLS.) or 405/129\$4)	USPAT;	2003/01/17
	20	and bentonite) and (membrane or flexible	US-PGPUB;	14:54
		or sheet or HDPE)) or	EPO; JPO	****
		(((((405/302.7).CCLS.) or 405/129\$4) and		
		bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same sheet		
_	18	l	USPAT;	2003/01/17
	'*	and bentonite) and (membrane or flexible	US-PGPUB;	14:54
		or sheet or HDPE)) or	EPO; JPO	
		(((((405/302.7).CCLS.) or 405/129\$4) and	110, 010	
		bentonite) and (geosynthetic or		
	İ	geotextile))) and liner) and overlap\$5		
		same liner		
1	1	Dame Tiller	i .	I

-	29	((((((((405/302.7).CCLS.) or 405/129\$4)	USPAT;	2003/01/17
		and bentonite) and (membrane or flexible	US-PGPUB;	14:58
		or sheet or HDPE)) or	EPO; JPO	
		(((((405/302.7).CCLS.) or 405/129\$4) and		
		bentonite) and (geosynthetic or		i
		geotextile))) and liner) and overlap\$5		
		same seam) or (((((((405/302.7).CCLS.)		1
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
İ		or (((((405/302.7).CCLS.) or 405/129\$4)		1
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		ŀ
	1	same sheet) or (((((((405/302.7).CCLS.)]
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or	1	
		geotextile))) and liner) and overlap\$5		
		same liner)	HCDATE:	2002/01/17
-	4	(((((((((((405/302.7).CCLS.) or 405/129\$4)	USPAT;	2003/01/17
		and bentonite) and (membrane or flexible	US-PGPUB; EPO; JPO	14:59
		or sheet or HDPE)) or	EPO; JPO	
		(((((405/302.7).CCLS.) or 405/129\$4) and		
		bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same seam) or (((((((405/302.7).CCLS.)		
	1	or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same sheet) or (((((((405/302.7).CCLS.) or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		† †
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		i i
		same liner)) and soil same compact\$3		
_	5	(((((((((405/302.7).CCLS.) or 405/129\$4)	USPAT;	2003/01/17
	1	and bentonite) and (membrane or flexible	US-PGPUB;	14:59
		or sheet or HDPE)) or	EPO; JPO	
1		(((((405/302.7).CCLS.) or 405/129\$4) and	===, ===	
	1	bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same seam) or (((((((405/302.7).CCLS.)		
	1	or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same sheet) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same liner)) and soil same compress\$3	<u></u>	
·	· · · · · · · · · · · · · · · · · · ·			

<u> </u>	6 (((((((((405/302.7).CCLS.) or 405/129\$4)	USPAT;	2003/01/17
	and bentonite) and (membrane or flexible	US-PGPUB;	14:59
l .	or sheet or HDPE)) or	EPO; JPO	
	(((((405/302.7).CCLS.) or 405/129\$4) and		
	bentonite) and (geosynthetic or		
	<pre>geotextile))) and liner) and overlap\$5</pre>		1
	same seam) or (((((((405/302.7).CCLS.)		
	or 405/129\$4) and bentonite) and		
	<pre>(membrane or flexible or sheet or HDPE))</pre>		
	or (((((405/302.7).CCLS.) or 405/129\$4)		
	and bentonite) and (geosynthetic or		
	<pre>geotextile))) and liner) and overlap\$5</pre>		
	same sheet) or (((((((405/302.7).CCLS.)		
	or 405/129\$4) and bentonite) and		
	<pre>(membrane or flexible or sheet or HDPE))</pre>		
	or (((((405/302.7).CCLS.) or 405/129\$4)		\
i i	and bentonite) and (geosynthetic or		
	<pre>geotextile))) and liner) and overlap\$5</pre>		
	same liner)) and soil same pack\$3		

-	10	((((((((((((405/302.7).CCLS.) or 405/129\$4)	USPAT;	2003/01/17
ļ		and bentonite) and (membrane or flexible	US-PGPUB;	17:13
		or sheet or HDPE)) or	EPO; JPO	
		(((((405/302.7).CCLS.) or 405/129\$4) and		
	1	bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same seam) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
	ļ	geotextile))) and liner) and overlap\$5		
	•	same sheet) or (((((((405/302.7).CCLS.)		
:	}	or 405/129\$4) and bentonite) and	1	
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same liner)) and soil same compact\$3) or		
		(((((((((((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (membrane or flexible		
		or sheet or HDPE)) or		
		(((((405/302.7).CCLS.) or 405/129\$4) and		
		bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same seam) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4)		
	i	and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same sheet) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		,
		or (((((405/302.7).CCLS.) or 405/129\$4)	1	
		and bentonite) and (geosynthetic or geotextile))) and liner) and overlap\$5		
		same liner)) and soil same compress\$3) or		
		((((((((((((((((((((((((((((((((((((((
		and bentonite) and (membrane or flexible]	
	1	or sheet or HDPE)) or		
		(((((405/302.7).CCLS.) or 405/129\$4) and		
		bentonite) and (geosynthetic or		
[geotextile))) and liner) and overlap\$5		
		same seam) or (((((((405/302.7).CCLS.)		
1		or 405/129\$4) and bentonite) and		
1		(membrane or flexible or sheet or HDPE))	1	
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same sheet) or (((((((405/302.7).CCLS.)		
[or 405/129\$4) and bentonite) and		
[<pre>(membrane or flexible or sheet or HDPE))</pre>	1	
		or (((((405/302.7).CCLS.) or 405/129\$4)		
[and bentonite) and (geosynthetic or	1	
		<pre>geotextile))) and liner) and overlap\$5</pre>]	
		same liner)) and soil same pack\$3)		

		105/1004	**************************************	2002/01/17
_	10	((((((((((((((((((((((((((((((((((((((USPAT; US-PGPUB;	2003/01/17
		and bentonite) and (membrane or flexible or sheet or HDPE)) or	EPO; JPO	17.13
		(((((405/302.7).CCLS.) or 405/129\$4) and	EFO, OTO	
		bentonite) and (geosynthetic or		
		<pre>geotextile))) and liner) and overlap\$5</pre>		
		same seam) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
1		or (((((405/302.7).CCLS.) or 405/129\$4)		
	}	and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same sheet) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		į
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same liner)) and soil same compact\$3) or ((((((((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (membrane or flexible		
		or sheet or HDPE)) or		
		(((((405/302.7).CCLS.) or 405/129\$4) and		
		bentonite) and (geosynthetic or		
	1	geotextile))) and liner) and overlap\$5		
		same seam) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same sheet) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		1
		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5 same liner)) and soil same compress\$3) or		
		(((((((((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (membrane or flexible		
		or sheet or HDPE)) or		
		(((((405/302.7).CCLS.) or 405/129\$4) and		
		bentonite) and (geosynthetic or		
		<pre>geotextile))) and liner) and overlap\$5</pre>		
	1	same seam) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
1		or (((((405/302.7).CCLS.) or 405/129\$4)		
		and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
		same sheet) or (((((((405/302.7).CCLS.)		
		or 405/129\$4) and bentonite) and		
		(membrane or flexible or sheet or HDPE))		
		or (((((405/302.7).CCLS.) or 405/129\$4) and bentonite) and (geosynthetic or		
		geotextile))) and liner) and overlap\$5		
1		same liner)) and soil same pack\$3)		
_	27	.	USPAT;	2003/01/17
	"	US-4341489-\$ or US-1593863-\$ or	US-PGPUB	17:15
1		US-5879105-\$ or US-5238326-\$ or		
1		US-5122015-\$ or US-4142816-\$ or		
		US-3991576-\$ or US-5511902-\$ or		
1		US-0953051-\$ or US-4206748-\$ or	1	
		US-6296237-\$ or US-6431793-\$ or		
		US-6197398-\$ or US-6095720-\$ or		
1		US-5860772-\$ or US-5788413-\$ or		
		US-5041330-\$ or US-4467015-\$ or		
1		US-5690448-\$ or US-5564864-\$ or		
1		US-5350255-\$ or US-5529438-\$ or		
		US-5360294-\$ or US-5261766-\$).did. or (US-20020172814-\$).did.		
I	L	(03-200201/2014-3).did.	I	

-	0	gse.in.	USPAT;	2003/01/17
			US-PGPUB;	17:20
	F		EPO; JPO	
-	60	gse.as.	USPAT;	2003/01/17
			US-PGPUB;	17:20
			EPO; JPO	
_	7	gse.as. and (liner or membrane or	USPAT;	2003/06/16
		bentonite)	US-PGPUB;	19:07
	ļ		EPO; JPO	
-	3	("Re32103" "4501788" "5221570").PN.	USPAT	2003/01/17
				17:22
_	68	geosynthetic adj clay adj liner	USPAT;	2003/06/16
			US-PGPUB;	19:08
			EPO; JPO;	
			DERWENT	0000/06/16
_	452	GCL	USPAT;	2003/06/16
			US-PGPUB;	19:08
			EPO; JPO;	
1	491	(googymthotic adi clay adi liner) on CCI	DERWENT USPAT;	2003/06/16
-	491	(geosynthetic adj clay adj liner) or GCL	US-PGPUB;	19:09
			EPO; JPO;	15.05
	1		DERWENT	
_	6	((geosynthetic adj clay adj liner) or	USPAT;	2003/06/16
		GCL) and compacted adj (soil or clay) adj	US-PGPUB;	19:09
		liner	EPO; JPO;	
			DERWENT	
_	4	"6189630"	USPAT;	2003/06/17
			US-PGPUB;	13:17
	1		EPO; JPO	
-	44	("1593863" or "3237414" or "3373821" or	USPAT	2004/01/16
		"3755829"		17:28
		or "3822499" or "3842606" or "3846990" or		
		"3894397"		
		or "3938338" or "4027486" or "4118937" or		
	1	"4175887"		
		or "4178517" or "4234266" or "4264233" or		
		"4341489"		
		or "4407607" or "4431337" or "4669913" or		
		"4691661" or "4712944" or "4729691" or "4729692" or		
		or "4/12944" or "4/29691" or "4/29692" or "4/29692" or		
		or "4776724" or "4844654" or "4856933" or		
		1 "4856934"		
		or "4856935" or "4900188" or "5104258" or		
	1	"5192161"		
		or "5122015" or "5238325" or "5238326" or		
<u> </u>	1	"5246307"		
		or "5250696" or "5259696" or "5556229" or		
	1	"5564369"		
		or "5575584" or "5700108" or "5879105" or	1	
}		"4748338").pn.		

	64	(US-4431337-\$ or US-4341489-\$ or	USPAT;	2004/01/16
_		US-4027486-\$ or US-5879105-\$ or	US-PGPUB	17:31
		US-1593863-\$ or US-5238326-\$ or	100 10102	1,131
		US-5122015-\$ or US-4142816-\$ or		
		US-3991576-\$ or US-5511902-\$ or		
		US-0953051-\$ or US-4206748-\$ or		
		US-6296237-\$ or US-6431793-\$ or		
		US-6197398-\$ or US-6095720-\$ or		
		US-5860772-\$ or US-5788413-\$ or		
·		US-5690448-\$ or US-5564864-\$ or		
		US-5529438-\$ or US-5360294-\$ or		
		US-5350255-\$ or US-5261766-\$ or		
		US-5041330-\$ or US-4467015-\$).did. or		
		(US-RE35272-\$ or US-5259696-\$ or		
		US-5556229-\$ or US-5564369-\$ or		
		US-5575584-\$ or US-5700108-\$ or	[
		US-5246307-\$ or US-5238325-\$ or		
		US-5192161-\$ or US-5104258-\$ or		
		US-4900188-\$ or US-4856935-\$ or		
		US-4856934-\$ or US-4856933-\$ or		
		US-4844654-\$ or US-4776725-\$ or	}	
ļ		US-4776724-\$ or US-4748338-\$ or		
		US-4729692-\$ or US-4729691-\$ or	İ	
		US-4712944-\$ or US-4691661-\$ or		
		US-4669913-\$ or US-4407607-\$ or		
		US-4264233-\$ or US-4234266-\$ or		
		US-4178517-\$).did. or (US-4175887-\$ or		
		US-4118937-\$ or US-3938338-\$ or		
		US-3894397-\$ or US-3846990-\$ or		
		US-3842606-\$ or US-3822499-\$ or	†	
		US-3755829-\$ or US-3373821-\$ or		
		US-3237414-\$).did. or		
İ		(US-20020172814-\$).did.		
1_	1	("05-20020172014-\$).did:	USPAT;	2004/01/16
		(002/010 / .EN.	US-PGPUB;	17:45
			EPO; JPO;	1 - 7 - 10
			DERWENT	
† _	8	"2663900"	USPAT;	2004/01/16
-	•	2003300	US-PGPUB;	17:57
			EPO; JPO;	1,.3,
		10/110100	DERWENT	2004/01/16
-	2	10/118108	USPAT;	1
	1		US-PGPUB;	20:27
			EPO; JPO;	
l .	1		DERWENT	

			-	
_	65	(US-4431337-\$ or US-4341489-\$ or	USPAT;	2004/01/16
		US-4027486-\$ or US-5879105-\$ or	US-PGPUB	19:02
İ	İ	US-1593863-\$ or US-5238326-\$ or		
1		US-5122015-\$ or US-4142816-\$ or		
		US-3991576-\$ or US-5511902-\$ or		
	1	US-0953051-\$ or US-4206748-\$ or		
		US-6296237-\$ or US-6431793-\$ or		
		US-6197398-\$ or US-6095720-\$ or		
		US-5860772-\$ or US-5788413-\$ or		
		US-5690448-\$ or US-5564864-\$ or		
1		US-5529438-\$ or US-5360294-\$ or		
1		US-5350255-\$ or US-5261766-\$ or		
	ŀ	US-5041330-\$ or US-4467015-\$).did. or		
	İ	(US-RE35272-\$ or US-5259696-\$ or		
	İ	US-5556229-\$ or US-5564369-\$ or		1
		US-5575584-\$ or US-5700108-\$ or]	
		US-5246307-\$ or US-5238325-\$ or		
		US-5192161-\$ or US-5104258-\$ or		
1	1	US-4900188-\$ or US-4856935-\$ or		
	1	US-4856934-\$ or US-4856933-\$ or		
	1	US-4844654-\$ or US-4776725-\$ or		
		US-4776724-\$ or US-4748338-\$ or		
		US-4729692-\$ or US-4729691-\$ or		
		US-4712944-\$ or US-4691661-\$ or		
		US-4669913-\$ or US-4407607-\$ or		
		US-4264233-\$ or US-4234266-\$ or		
		US-4178517-\$).did. or (US-4175887-\$ or		
İ		US-4118937-\$ or US-3938338-\$ or		
	İ	US-3894397-\$ or US-3846990-\$ or		
		US-3842606-\$ or US-3822499-\$ or		
		US-3755829-\$ or US-3373821-\$ or		
		US-3237414-\$ or US-6669403-\$).did. or		
		(US-20020172814-\$).did.		
1_	1	(US-0527513-\$).did.	USOCR	2004/01/16
		(12 11 11 11 11 11 11 11 11 11 11 11 11 1		18:52
_	42	("0527513" "1593863" "3237414"	USPAT	2004/01/16
	12	"3373821" "3755829" "3822499"	002111	19:00
		"3842606" "3846990" "3894397"		13.00
		, , ,		
		"3938338" "4027486" "4118937" "4175887" "4177817" "4224266"		
		"4175887" "4178517" "4234266"		
		"4264233" "4341489" "4407607"		
		"4431337" "4669913" "4691661"		
	1	"4712944" "4729691" "4729692"		
		"4748338" "4776724" "4776725"		
1		"4844654" "4856933" "4856934"		
		"4856935" "4900188" "5104258"		
	1	"5122015" "5192161" "5238325"		
		"5238326" "5246307" "5259696"	1	
		"5556229" "5564369" "5575584").PN.		
_	3	5879105.URPN.	USPAT	2004/01/16
-	3	J0/910J.UKPN.	OPENI	19:00
		/#0.6070.40# #2.417622# #2.646060#) 555	HCDAG	P .
-	3	("0627849" "3417533" "3645059").PN.	USPAT	2004/01/16
	[19:01
-	10		USPAT;	2004/01/16
		with (block or module) with flange	US-PGPUB	19:04
-	13	((cube or cubical or square) with hollow	USPAT;	2004/01/16
		with (block or module)) same flange	US-PGPUB	19:04
L	L	1 '		